

# Apa amarillo azacca

- Gravity **14.7 BLG**
- ABV **6.1 %**
- IBU **33**
- SRM **4.8**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **10 %**
- Size with trub loss **27.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **34.5 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **29.4 liter(s)**
- Total mash volume **36.8 liter(s)**

## Steps

- Temp **62 C**, Time **55 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **29.4 liter(s)** of strike water to **67.3C**
- Add grains
- Keep mash **55 min** at **62C**
- Keep mash **5 min** at **78C**
- Sparge using **12.5 liter(s)** of **76C** water or to achieve **34.5 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	6.45 kg (87.6%)	80 %	5
Grain	Płatki owsiane	0.4 kg (5.4%)	60 %	3
Grain	Pszeniczny	0.25 kg (3.4%)	85 %	4
Grain	Carahell	0.26 kg (3.5%)	77 %	26

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Azacca	30 g	60 min	14 %
Boil	Amarillo	50 g	0 min	9.5 %
Dry Hop	Amarillo	50 g	3 day(s)	9.5 %
Dry Hop	Azacca	30 g	3 day(s)	14 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Kveik SKARE	Lager	Slant	100 ml	2 łyżki stolowe